

Creative Thinking

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Introduction

See also **Critical Thinking** <http://MyHebrewBible.com/Article/809>.

- [Intro to Cake: Cross Platform Build Automation in C#](<https://youtu.be/WbaR2-v6JXQ?t=1725>) start at 28:45

The Little Schemer |

- [Amazon The Little Schemer](<https://www.amazon.com/Little-Schemer-Daniel-P-Friedman/dp/0262560992>)

- [Preview](https://www.google.com/books/edition/The_Little_Schemer/xyOKLexVnMC?hl=en&gbpv=1&printsec=frontcover)

- [Amazon The Seasoned Schemer](https://www.amazon.com/Seasoned-Schemer-MIT-Press/dp/026256100X/ref=sr_1_1?keywords=The+Seasoned+Schemer&qid=1582739880&sr=8-1)

- [Amazon The Reasoned Schemer](https://www.amazon.com/Reasoned-Schemer-MIT-Press/dp/0262535513/ref=sr_1_1?keywords=The+Reasoned+Schemer&qid=1582739973&sr=8-1)

Tags

IReligion, **Critical Thinking**, **Creative Thinking**, **Marsing's Math**

***** About The Little Schemer

> The notion that **"thinking about computing is one of the most exciting things the human mind can do"** sets both The Little Schemer (formerly known as The Little LISPer) and its new companion volume, The Seasoned Schemer, apart from other books on LISP. The authors' enthusiasm for their subject is compelling as they present abstract concepts in a humorous and easy-to-grasp fashion. Together, these books will open new doors of thought to anyone who wants to find out what computing is really about. The Little Schemer **introduces computing as an extension of arithmetic and algebra**; things that everyone studies in grade school and high school. It introduces **programs as recursive functions** and briefly discusses the limits of what computers can do. The authors use the programming language **Scheme**, and **interesting foods** to illustrate these abstract ideas **[Marsing's Math]**.

> **The Seasoned Schemer** informs the reader about **additional dimensions of computing**: **functions as values**, **change of state**, and **exceptional cases**. The Little LISPer has been a popular introduction to LISP for many years. It had appeared in French and Japanese. The Little Schemer and The Seasoned Schemer are worthy successors and will prove equally popular as textbooks for Scheme courses as well as companion texts for any complete introductory course in Computer Science.

***** About The Reasoned Schemer

> The goal of this book is to show the beauty and elegance of **relational programming**, which captures the essence of **logic programming**. The book shows how to implement a **relational programming** language in Scheme, or in any other functional language, and demonstrates the remarkable flexibility of the resulting relational programs. As in the first edition, the pedagogical (relating to teaching) method is a series of questions and answers, which proceed with the characteristic humor that marked **The Little Schemer** and **The Seasoned Schemer**. Familiarity with a functional language or with the first five chapters of The Little Schemer is assumed.

For this second edition, the authors have greatly simplified the programming language used in the book, as well as the implementation of the language. In addition to revising the text extensively, and simplifying and revising the **Laws** and **Commandments**, they have added explicit **Translation** rules to ease translation of Scheme functions into relations